

Current Claim Listing

**The following presents a current claim listing for the convenience of the Examiner.
No amendments to the claims are currently submitted.**

Claims 1-21 (cancelled)

22. (Previously presented) A customizable aggregated floor controller comprising:

a plurality of individual foot controller modules, wherein each controller module of said plurality of individual foot controller modules is configured to generate a non-audio control signal in response to user operation of said individual foot controller module;

a mounting frame comprising a plurality of predetermined mounting locations structured to simultaneously secure said plurality of individual foot controller modules in a reconfigurable mounting arrangement, wherein each foot controller module of said plurality of individual foot controller modules is positionable within various mounting locations of said plurality of predetermined mounting locations, and wherein each of said plurality of mounting locations is structured to define a separate aperture sized to receive an associated one of said plurality of individual foot controller modules; and

a control signal interface adapted to transmit outgoing MIDI control signals to an external system, wherein said outgoing MIDI control signals are generated in response to one or more of said non-audio control signals generated by said plurality of individual foot controller modules.

23. (Previously presented) The floor controller according to claim 22, wherein at least some of said plurality of predetermined mounting locations are structured to be differently sized to secure differently sized controller modules of said plurality of individual foot controller modules.

24. (Previously presented) The floor controller according to claim 22, wherein said plurality of predetermined mounting locations are structured to define uniformly spaced mounting holes sized to receive a fastener to secure an associated one of said plurality of individual foot controller modules.

25. (Previously presented) The floor controller according to claim 22, wherein said plurality of mounting locations comprise a first group of mounting locations and a second group of at least one mounting location, wherein each mounting location in said first group comprises a length and a width, and wherein each mounting location in said second group comprises a length and a width, and

wherein said length of at least some of said mounting locations of said first group is half of said length of at least some of said mounting locations of said second group.

26. (Previously presented) The floor controller according to claim 22, wherein said plurality of mounting locations comprise a first group of mounting locations and a second group of at least one mounting location, wherein each mounting location in said first group comprises a length and a width, and wherein each mounting location in said second group comprises a length and a width, and

wherein said width of at least some of said mounting locations of said first group is half of said width of at least some of said mounting locations of said second group.

27. (Previously presented) The floor controller according to claim 22, wherein said mounting frame is structured to receive a hierarchical frame to permit changing of the size of said separate apertures.

28. (Previously presented) The floor controller according to claim 22, wherein each of said plurality of predetermined mounting locations is sized such that each of said separate apertures approximate the dimensions of an associated one of said plurality of individual foot controller modules.

29. (Previously presented) The floor controller according to claim 22, said floor controller further comprising:

an electrical power distribution infrastructure associated with said mounting frame, wherein said electrical power distribution infrastructure provides needed electrical power to at

least one foot controller module of said plurality of individual foot controller modules via a separate electrical power interface associated with each of said at least one foot controller modules requiring electrical power.

30. (Previously presented) The floor controller according to claim 22, wherein one of said plurality of individual foot controller modules comprises a foot switch.

31. (Previously presented) The floor controller according to claim 22, wherein one of said plurality of individual foot controller modules comprises a foot pedal.

32. (Previously presented) The floor controller according to claim 31, wherein said foot pedal is a multiple parameter foot pedal configured to simultaneously provide a plurality of adjustable parameters.

33. (Previously presented) The floor controller according to claim 22, wherein at least one of said plurality of individual foot controller modules comprises a foot-operated tactile control pad.

34. (Previously presented) The floor controller according to claim 33, wherein said foot-operated tactile control pad is a null/contact touchpad.

35. (Previously presented) The floor controller according to claim 33, wherein said foot-operated tactile control pad includes a top side and a bottom side, said top side defining an area for operating said foot-operated tactile control pad, and wherein a pressure sensor is coupled to said bottom side of said foot-operated tactile control pad, wherein said pressure sensor generates said electronic signal responsive to the relative pressure that a user contacts said foot-operated tactile control pad.

36. (Previously presented) The floor controller according to claim 33, wherein said foot-operated tactile control pad includes a top side and a bottom side, said top side defining an area for operating said foot-operated tactile control pad, and wherein

an impact sensor is coupled to said bottom side of said foot-operated tactile control pad, wherein said impact sensor generates said electronic signal responsive to an impact received at said foot-operated tactile control pad.

37. (Previously presented) The floor controller according to claim 33, wherein said foot-operated tactile control pad comprises a pressure-sensor array.

38. (Previously presented) The floor controller according to claim 22, wherein at least one of said plurality of foot controller module elements comprises a strum pad.

39. (Previously presented) The floor controller according to claim 22, wherein at least one of said plurality of individual foot controller modules comprises an impact sensor.

40. (Previously presented) The floor controller according to claim 22, wherein at least one of said plurality of foot controller module elements comprises a plurality of organ-style bass pedals.

41. (Previously presented) The floor controller according to claim 22, wherein said signal interface is coupled with said mounting frame.

42. (Previously presented) A customizable aggregated floor controller comprising: a plurality of individual foot controller modules, wherein each controller module of said plurality of individual foot controller modules is configured to generate a non-audio control signal in response to user operation of said individual foot controller module;

means for simultaneously securing said plurality of individual foot controller modules in a reconfigurable mounting arrangement;

means for permitting said plurality of individual foot controller modules to be positionable within various mounting locations of said plurality of predetermined mounting locations;

means for defining a separate aperture for each of said plurality of predetermined mounting locations, wherein each of said separate apertures is sized to receive an associated one of said plurality of individual foot controller modules;

means for generating outgoing MIDI control signals response to one or more of said non-audio control signals generated by said plurality of individual foot controller modules; and

means for transmitting said outgoing MIDI control signals to an external system.

43. (Previously presented) The floor controller according to claim 42, said floor controller further comprising:

means for distributing electrical power to at least one foot controller module of said plurality of individual foot controller modules via a separate electrical power interface associated with each of said at least one foot controller module.

44. (Previously presented) The floor controller according to claim 42, wherein one of said plurality of individual foot controller modules comprises a foot-operated tactile control pad, and wherein said foot-operated tactile control pad comprises:

means for generating an electronic signal responsive to the relative pressure that a user contacts said foot-operated tactile control pad.